



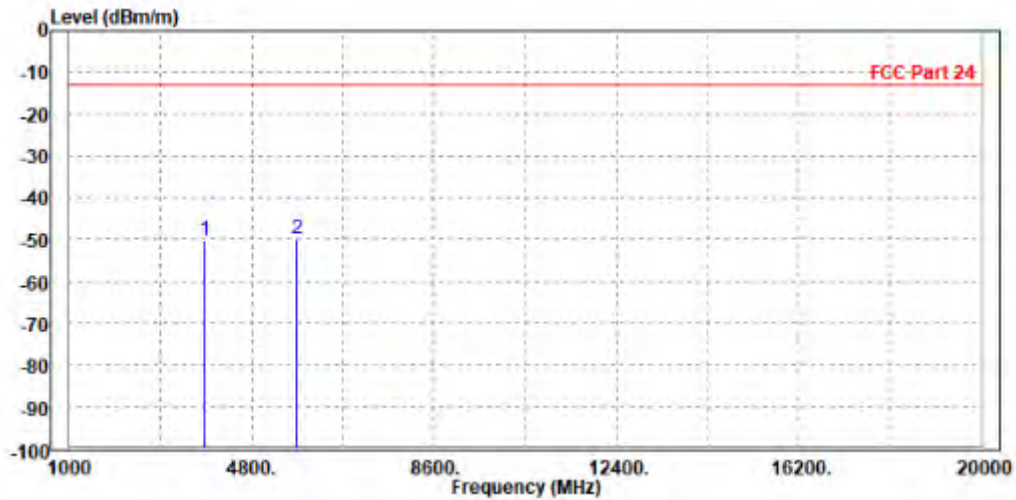
BUREAU VERITAS

Test Report No.: W7L-P23030016RF05

CH 810

MODE	TX channel 810	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3812.000	-50.33	-58.45	-13.00	-37.33	8.12	Peak	Horizontal
2 PP	5731.000	-49.84	-60.75	-13.00	-36.84	10.91	Peak	Horizontal



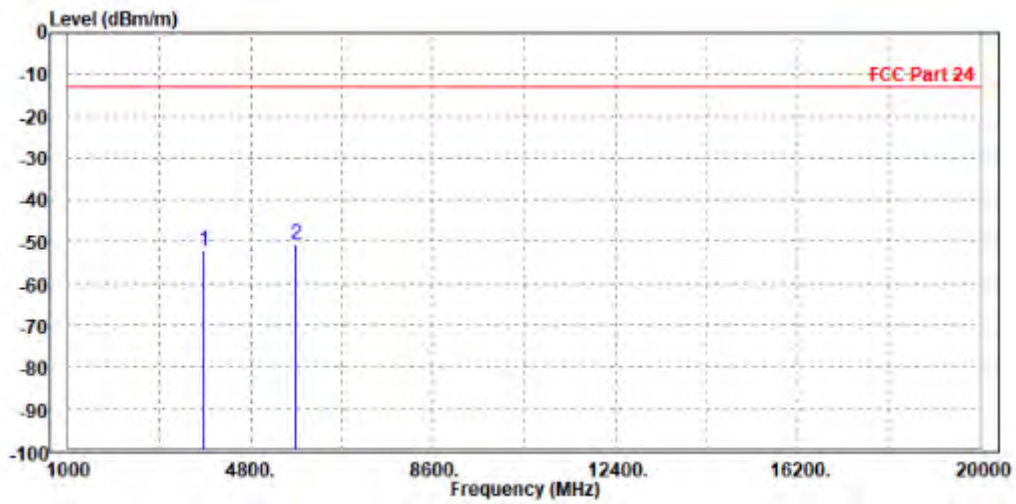


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 810	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3819.600	-52.08	-59.86	-13.00	-39.08	7.78	Peak	Vertical
2 PP	5731.000	-50.63	-62.02	-13.00	-37.63	11.39	Peak	Vertical





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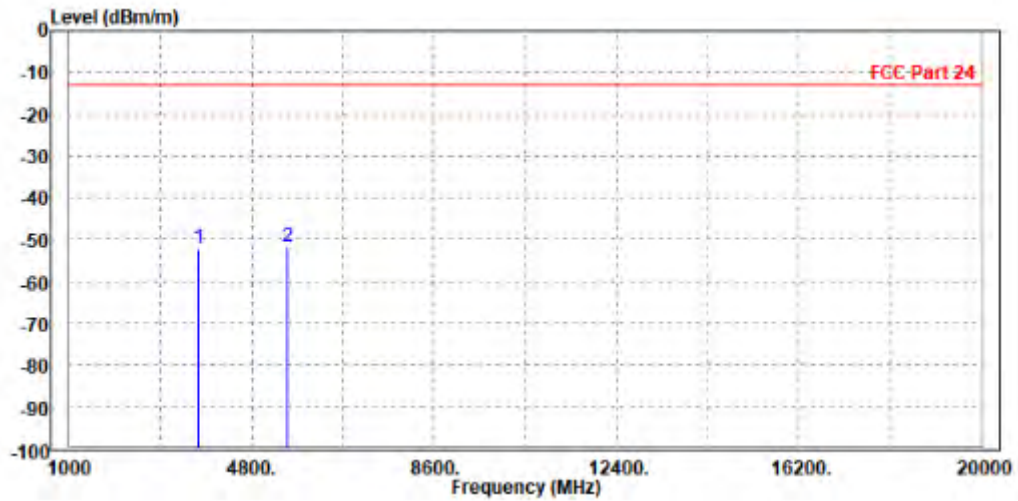
Test Report No.: W7L-P23030016RF05

WCDMA Band II

CH 9262

MODE	TX channel 9262	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3698.000	-52.07	-59.90	-13.00	-39.07	7.83	Peak	Horizontal
2 PP	5557.200	-51.63	-62.21	-13.00	-38.63	10.58	Peak	Horizontal



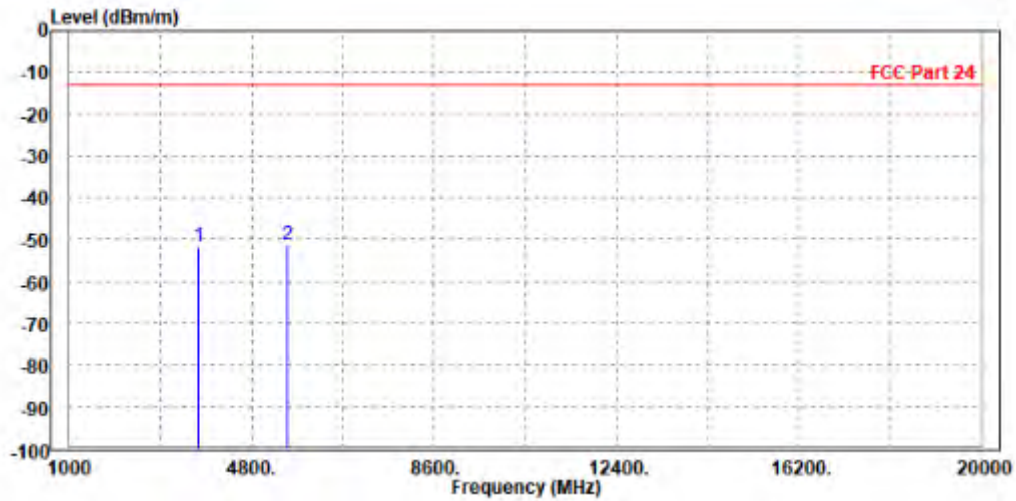


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 9262	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3704.800	-51.90	-59.52	-13.00	-38.90	7.62	Peak	Vertical
2 PP	5560.000	-51.33	-62.23	-13.00	-38.33	10.90	Peak	Vertical





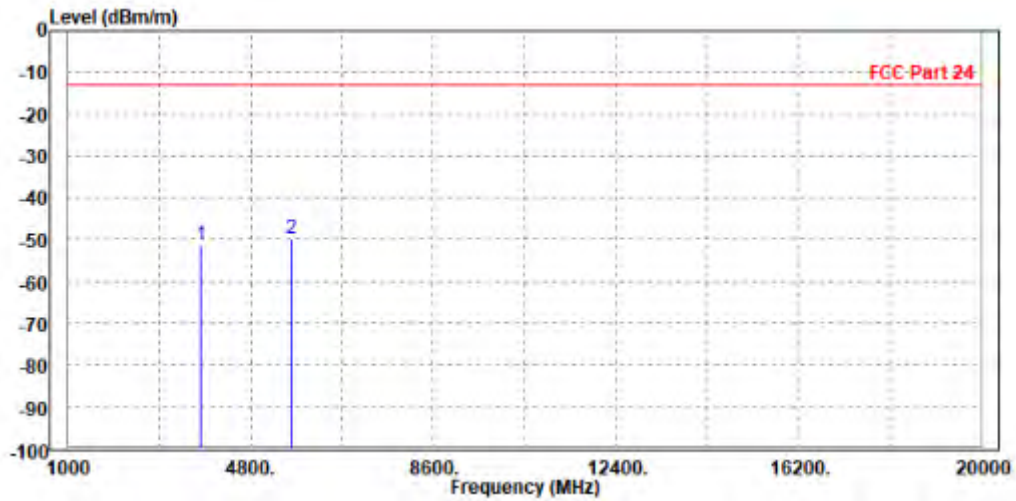
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CH 9400

MODE	TX channel 9400	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3760.000	-51.30	-59.29	-13.00	-38.30	7.99	Peak	Horizontal
2 PP	5636.000	-49.95	-60.68	-13.00	-36.95	10.73	Peak	Horizontal



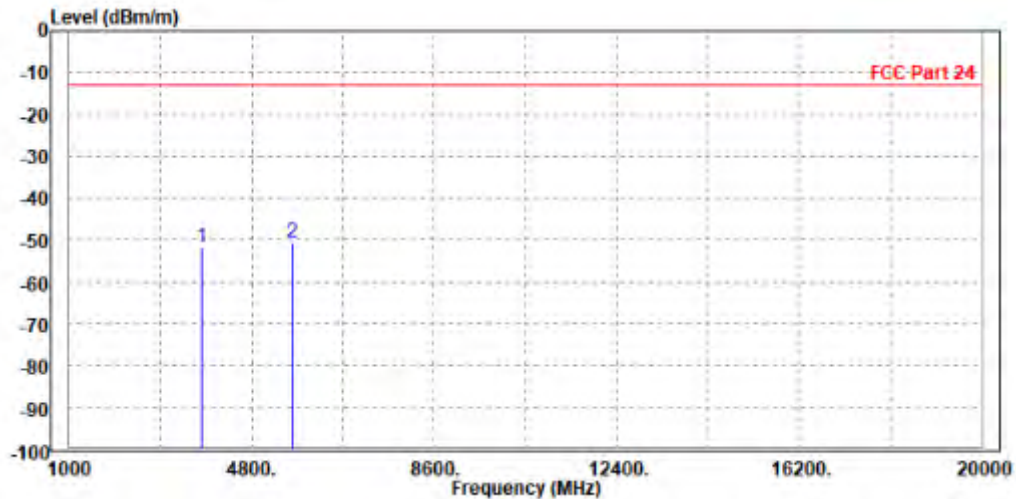


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 9400	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3755.000	-51.89	-59.58	-13.00	-38.89	7.69	Peak	Vertical
2 PP	5640.000	-50.58	-61.71	-13.00	-37.58	11.13	Peak	Vertical





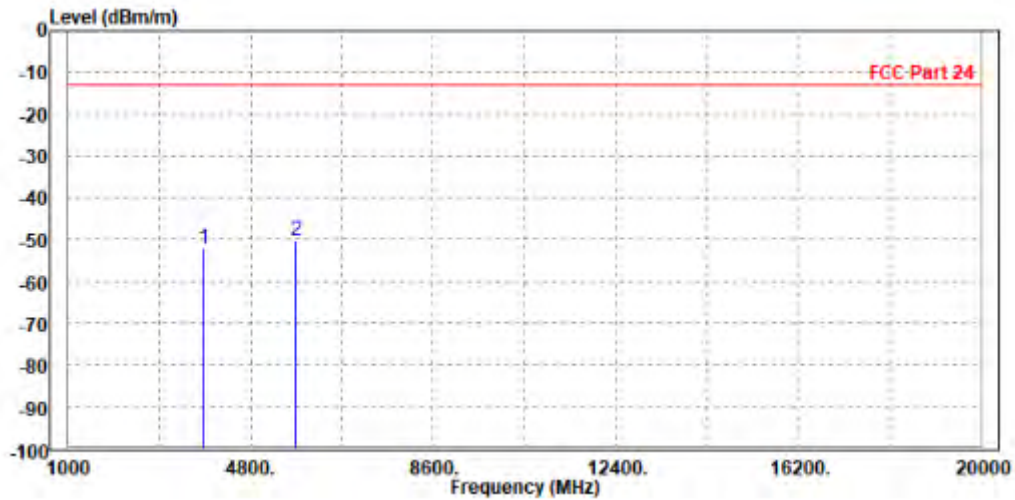
BUREAU VERITAS

Test Report No.: W7L-P23030016RF05

CH 9538

MODE	TX channel 9538	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3815.200	-52.10	-60.23	-13.00	-39.10	8.13	Peak	Horizontal
2 PP	5731.000	-50.14	-61.05	-13.00	-37.14	10.91	Peak	Horizontal



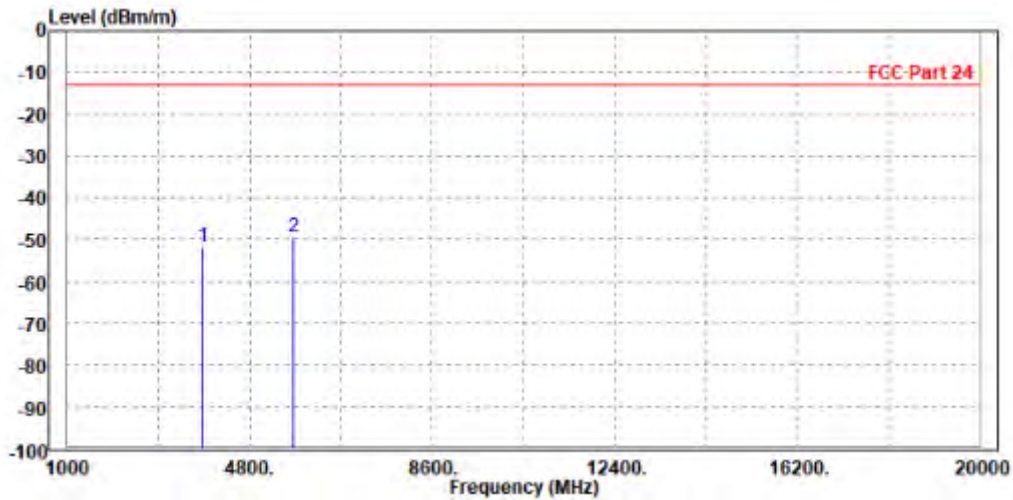


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 9538	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3812.000	-51.65	-59.42	-13.00	-38.65	7.77	Peak	Vertical
2 PP	5722.800	-49.30	-60.66	-13.00	-36.30	11.36	Peak	Vertical



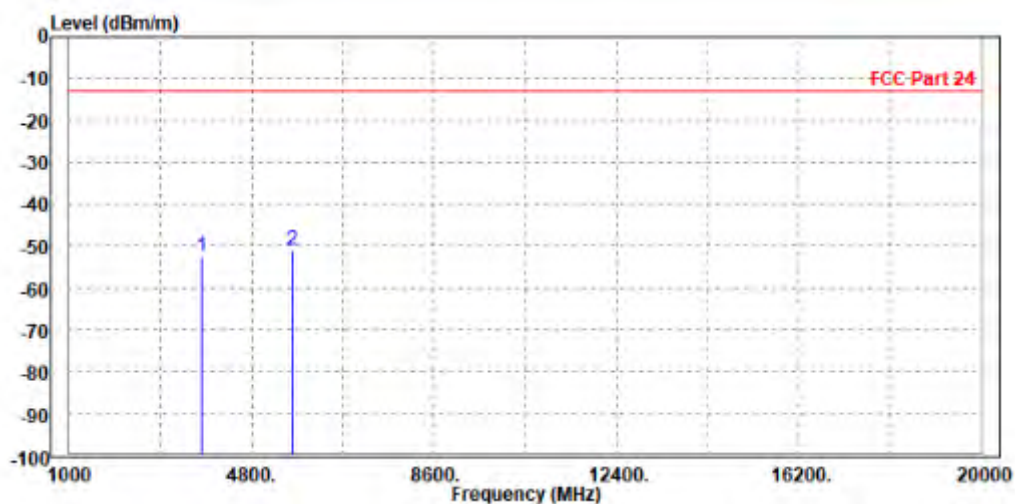


LTE Band 25

CHANNEL BANDWIDTH: 1.4MHz / QPSK

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.63	-60.63	-13.00	-39.63	8.00	Peak	Horizontal
2 PP	5655.000	-50.82	-61.59	-13.00	-37.82	10.77	Peak	Horizontal



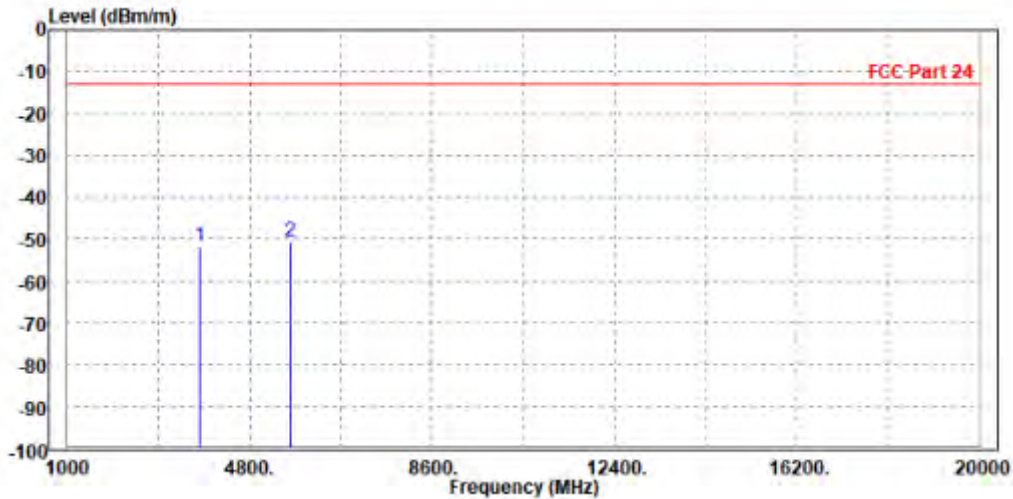


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-51.81	-59.53	-13.00	-38.81	7.72	Peak	Vertical
2 PP	5647.500	-50.46	-61.61	-13.00	-37.46	11.15	Peak	Vertical





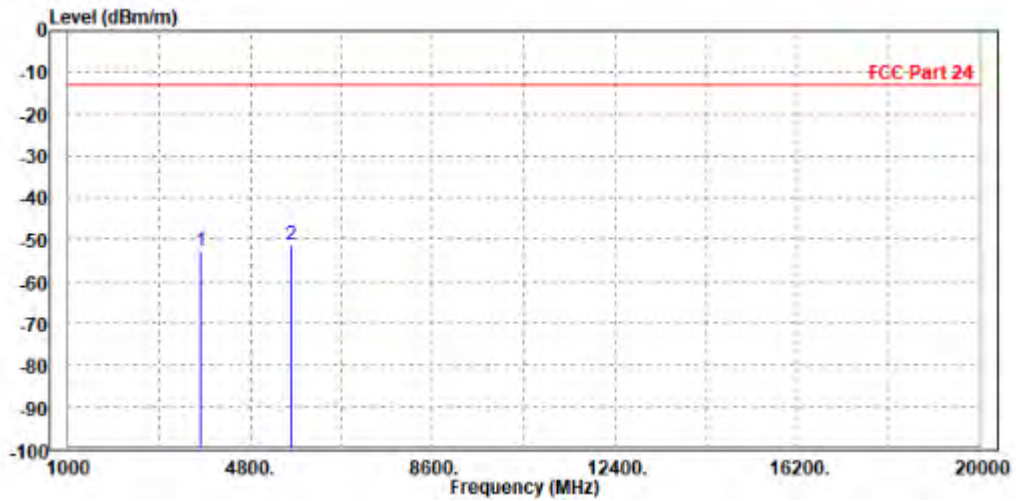
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CHANNEL BANDWIDTH: 3MHz / QPSK

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-53.02	-61.04	-13.00	-40.02	8.02	Peak	Horizontal
2 PP	5647.500	-51.20	-61.96	-13.00	-38.20	10.76	Peak	Horizontal



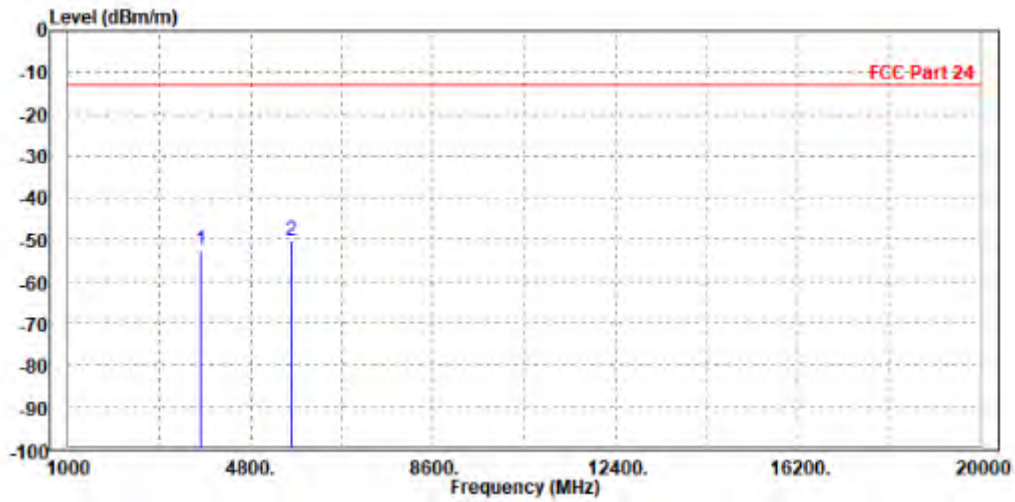


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.43	-60.13	-13.00	-39.43	7.70	Peak	Vertical
2 PP	5655.000	-50.02	-61.19	-13.00	-37.02	11.17	Peak	Vertical





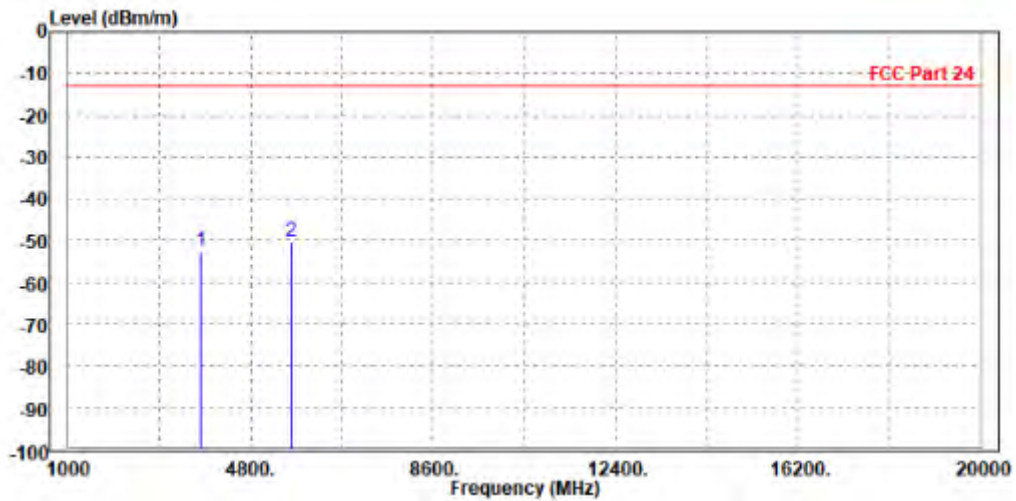
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.65	-60.65	-13.00	-39.65	8.00	Peak	Horizontal
2 PP	5655.000	-50.16	-60.93	-13.00	-37.16	10.77	Peak	Horizontal



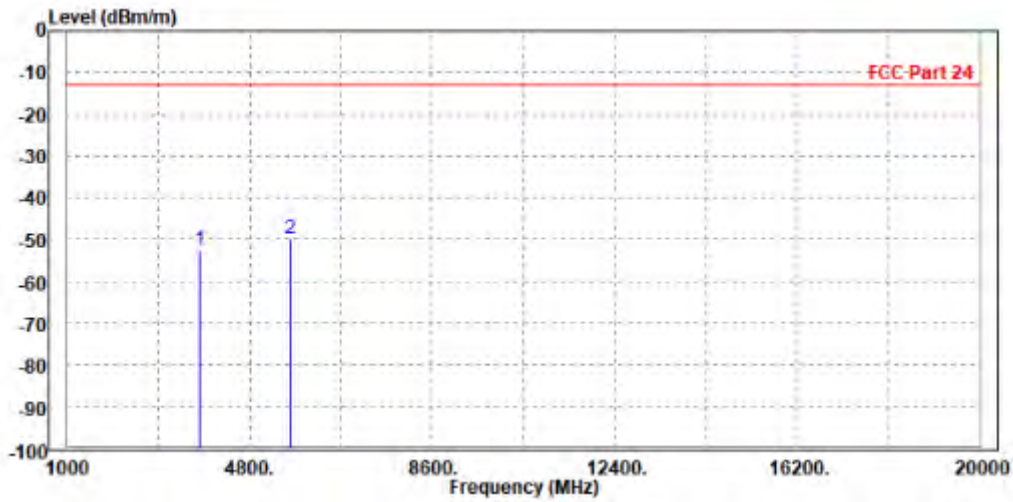


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-52.48	-60.20	-13.00	-39.48	7.72	Peak	Vertical
2 PP	5647.500	-49.92	-61.07	-13.00	-36.92	11.15	Peak	Vertical





BUREAU VERITAS

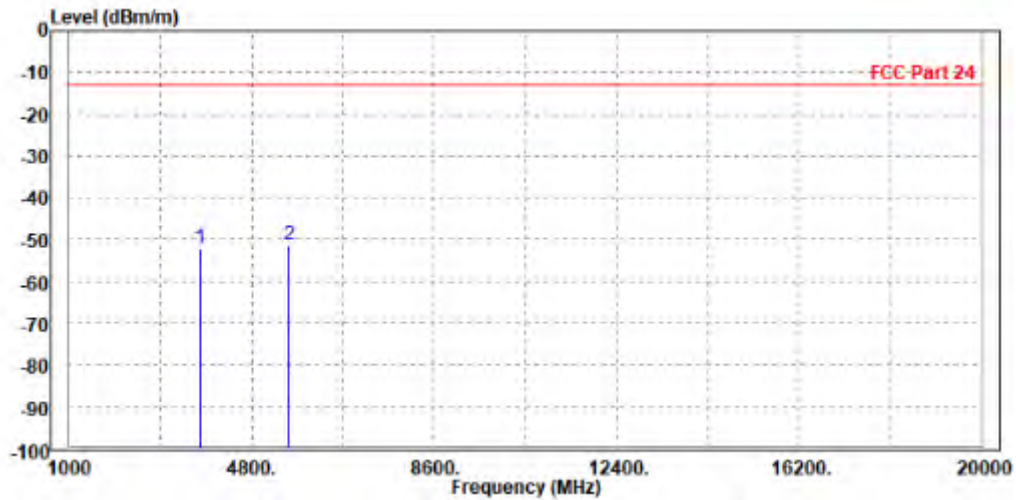
Test Report No.: W7L-P23030016RF05

CHANNEL BANDWIDTH: 10MHz / QPSK

CH26090

MODE	TX channel 26090	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3717.000	-52.16	-60.04	-13.00	-39.16	7.88	Peak	Horizontal
2 PP	5565.000	-51.15	-61.75	-13.00	-38.15	10.60	Peak	Horizontal



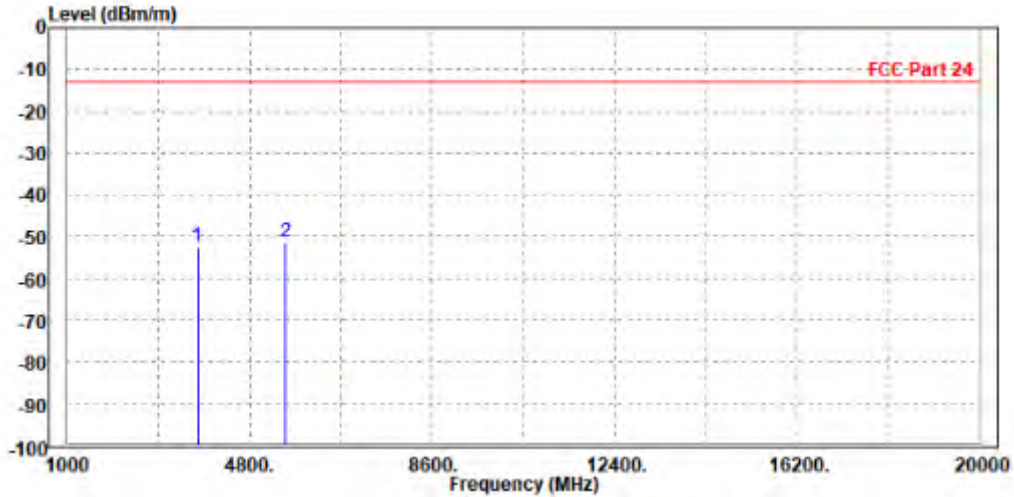


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26090	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3710.000	-52.45	-60.07	-13.00	-39.45	7.62	Peak	Vertical
2 PP	5560.000	-51.32	-62.22	-13.00	-38.32	10.90	Peak	Vertical





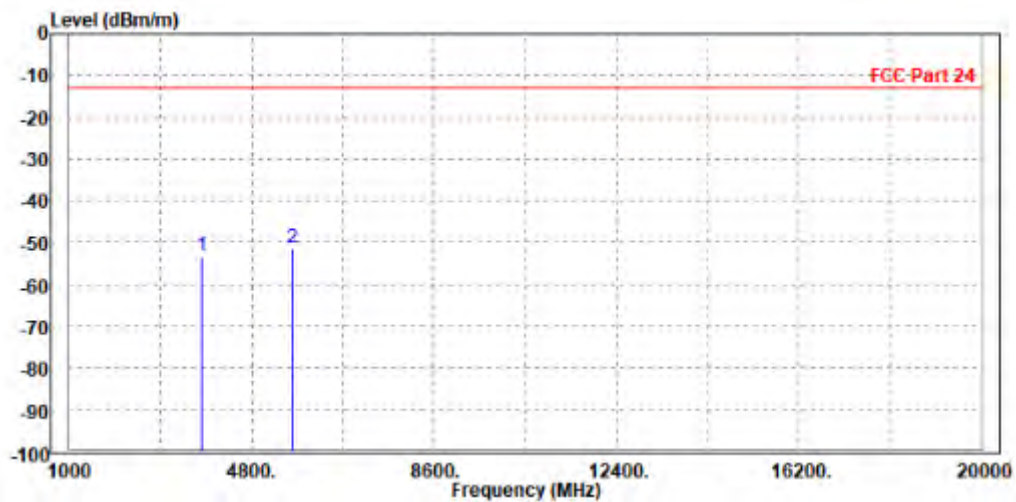
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CH26365

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-53.05	-61.05	-13.00	-40.05	8.00	Peak	Horizontal
2 PP	5655.000	-51.40	-62.17	-13.00	-38.40	10.77	Peak	Horizontal



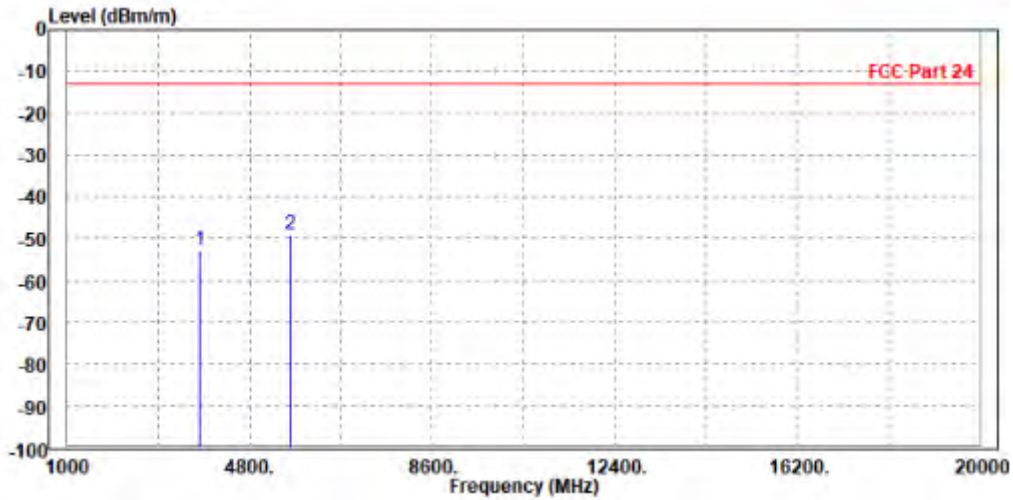


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-52.82	-60.54	-13.00	-39.82	7.72	Peak	Vertical
2 PP	5655.000	-49.20	-60.37	-13.00	-36.20	11.17	Peak	Vertical





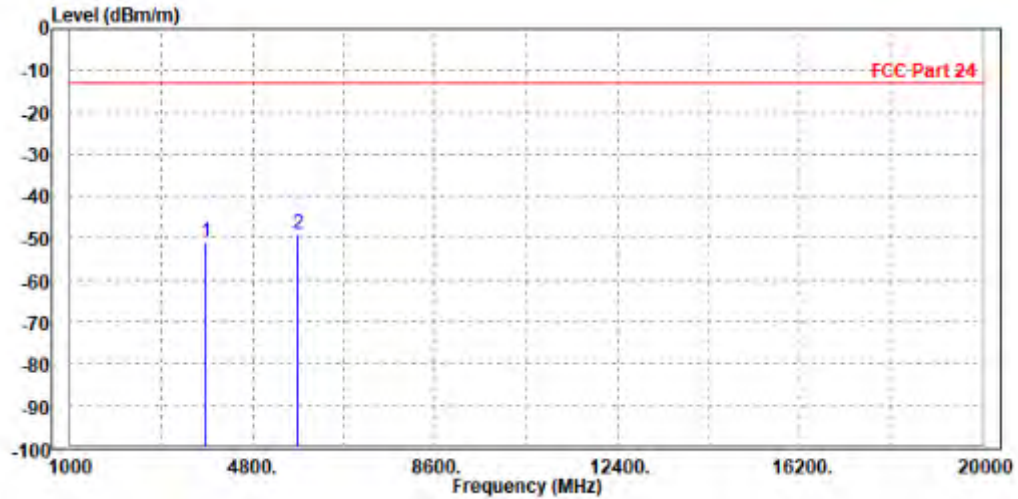
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CH26640

MODE	TX channel 26640	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3820.000	-50.84	-58.98	-13.00	-37.84	8.14	Peak	Horizontal
2 PP	5731.000	-48.87	-59.78	-13.00	-35.87	10.91	Peak	Horizontal



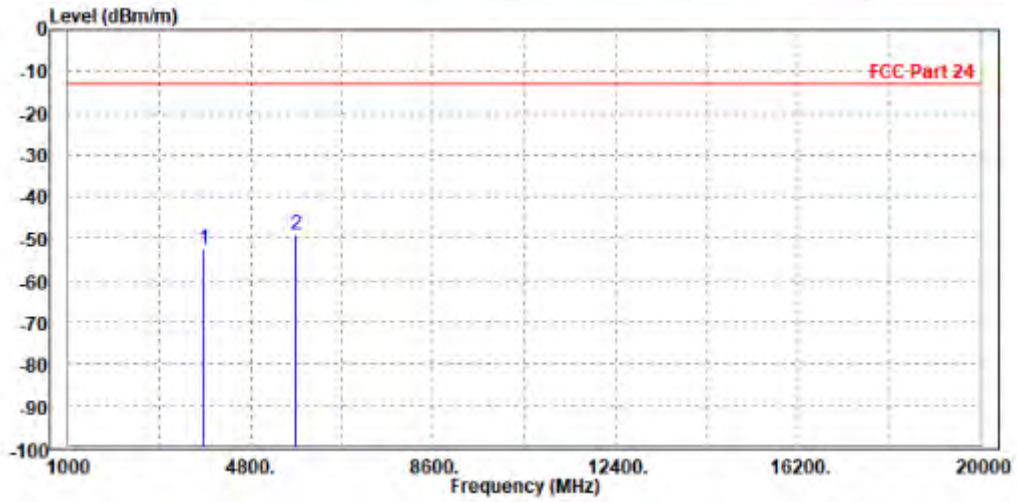


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VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26640	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3812.000	-52.35	-60.12	-13.00	-39.35	7.77	Peak	Vertical
2 PP	5730.000	-48.96	-60.34	-13.00	-35.96	11.38	Peak	Vertical





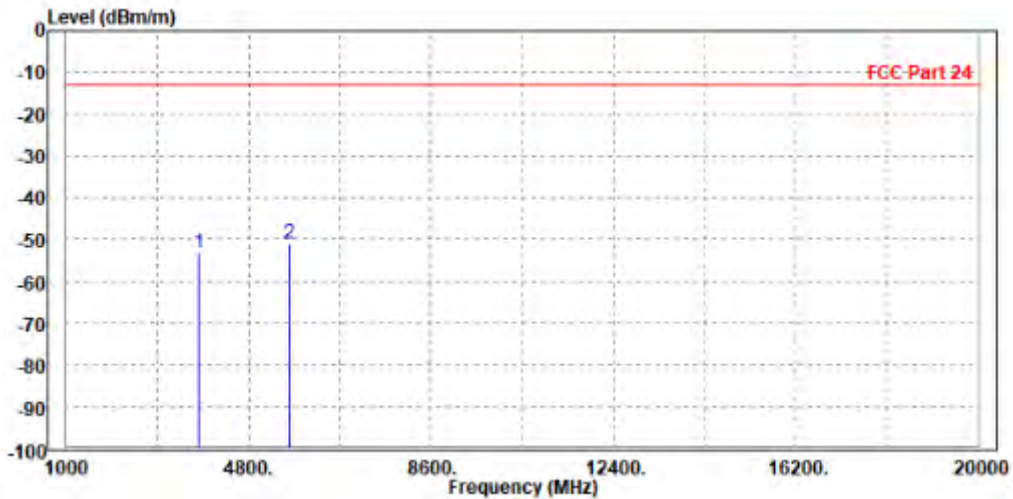
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-53.04	-61.06	-13.00	-40.04	8.02	Peak	Horizontal
2 PP	5647.500	-50.81	-61.57	-13.00	-37.81	10.76	Peak	Horizontal



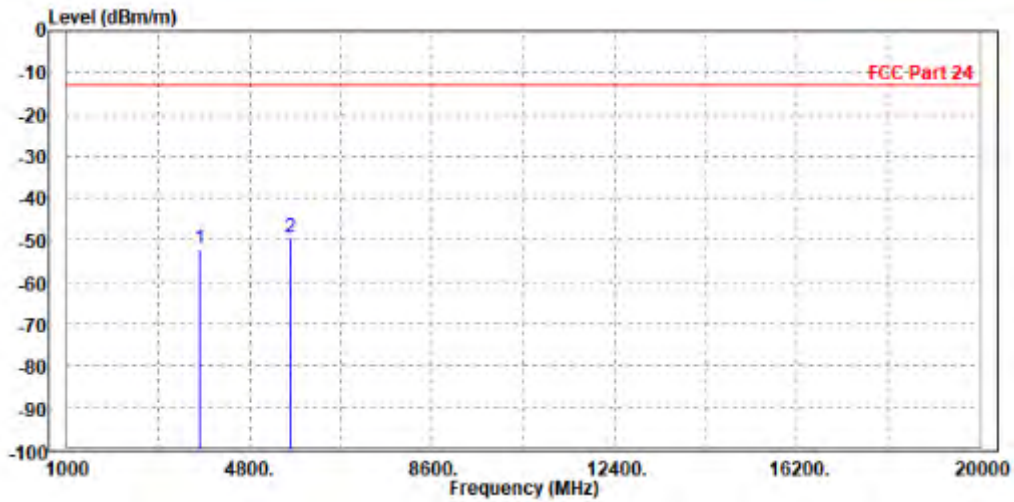


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-52.09	-59.79	-13.00	-39.09	7.70	Peak	Vertical
2 PP	5655.000	-49.26	-60.43	-13.00	-36.26	11.17	Peak	Vertical





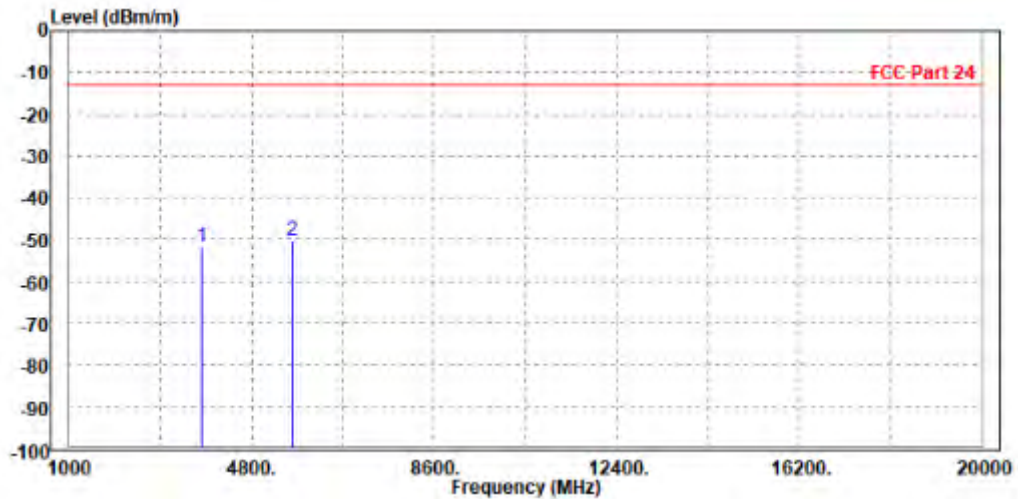
**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3765.000	-51.57	-59.57	-13.00	-38.57	8.00	Peak	Horizontal
2 PP	5655.000	-50.17	-60.94	-13.00	-37.17	10.77	Peak	Horizontal



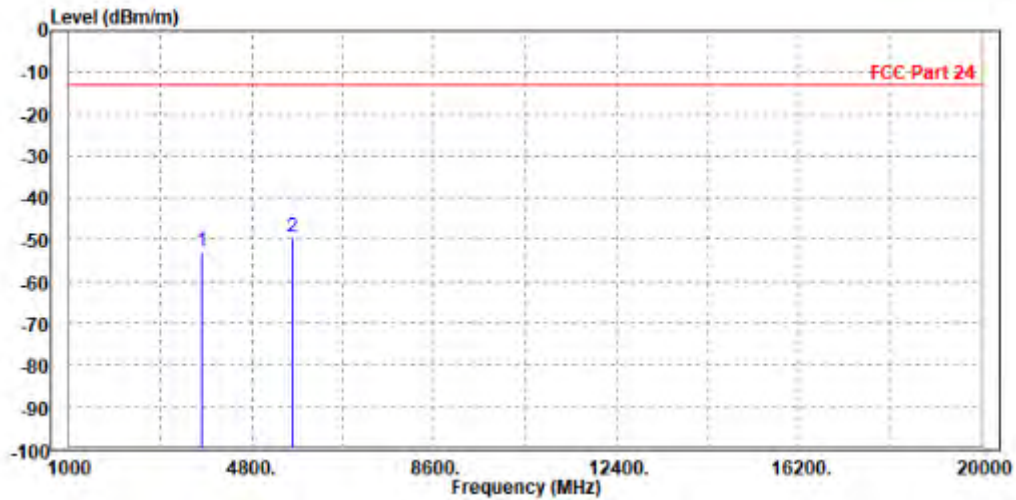


**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF05

MODE	TX channel 26365	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	3774.000	-53.04	-60.76	-13.00	-40.04	7.72	Peak	Vertical
2 PP	5647.500	-49.54	-60.69	-13.00	-36.54	11.15	Peak	Vertical



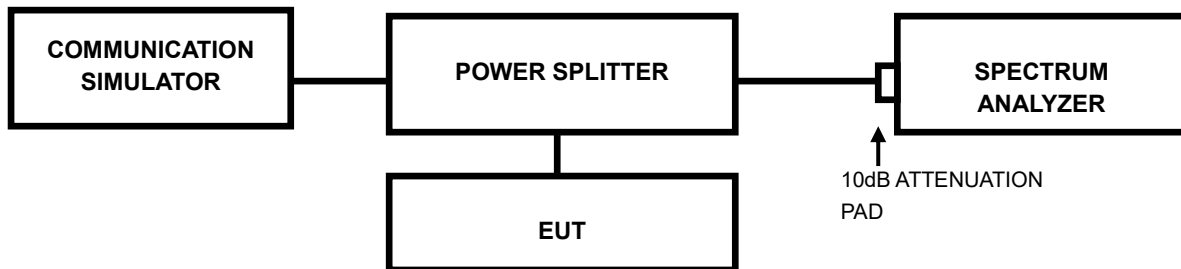


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.



**BUREAU
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Test Report No.: W7L-P23030016RF05

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



**BUREAU
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Test Report No.: W7L-P23030016RF05

4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Email: customerservice.sw@bureauveritas.com

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.



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5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



6 Appendix

GSM1900

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

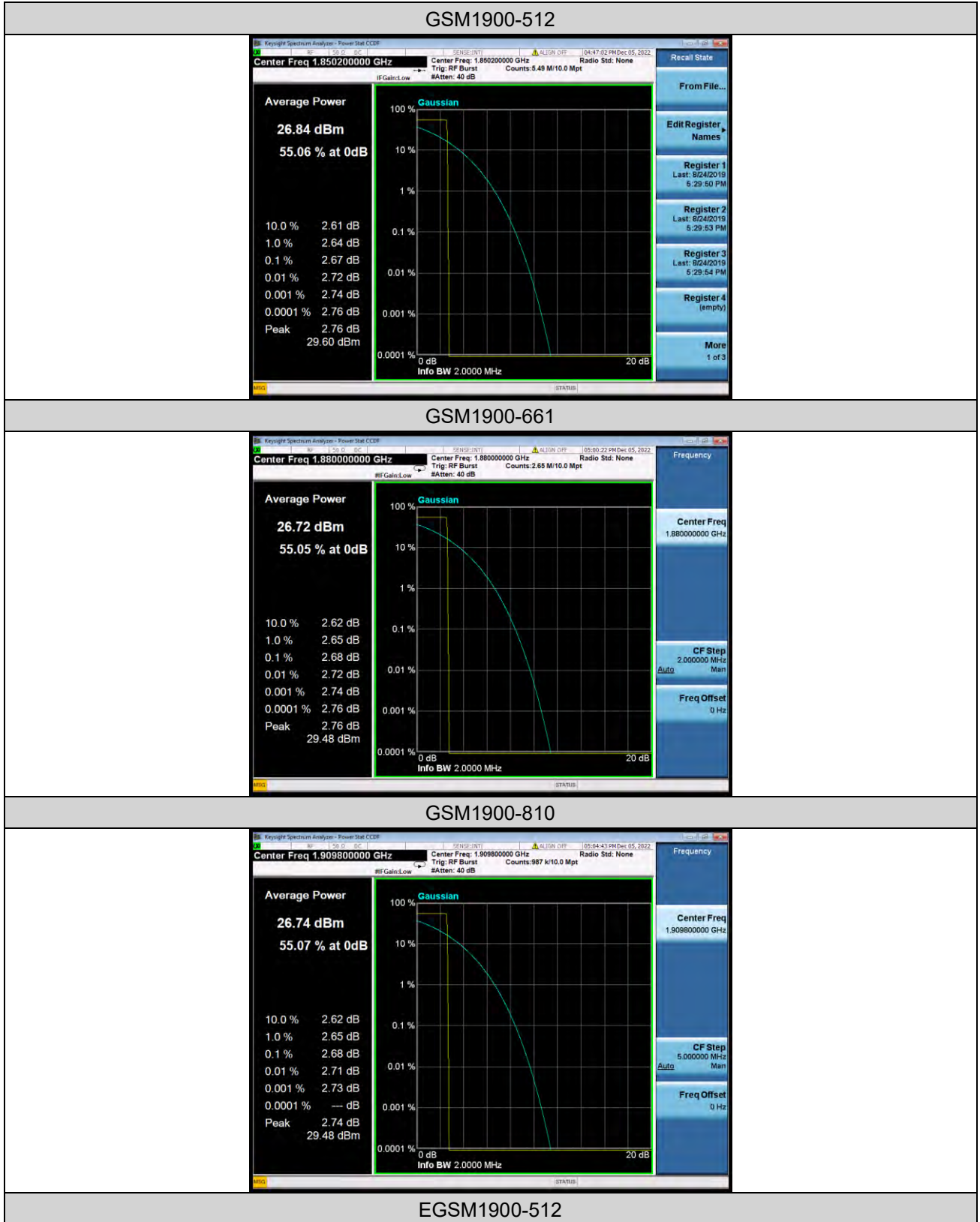
Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM1900	512	2.67	13	PASS
GSM1900	661	2.68	13	PASS
GSM1900	810	2.68	13	PASS
EGSM1900	512	5.82	13	PASS
EGSM1900	661	5.82	13	PASS
EGSM1900	810	5.81	13	PASS



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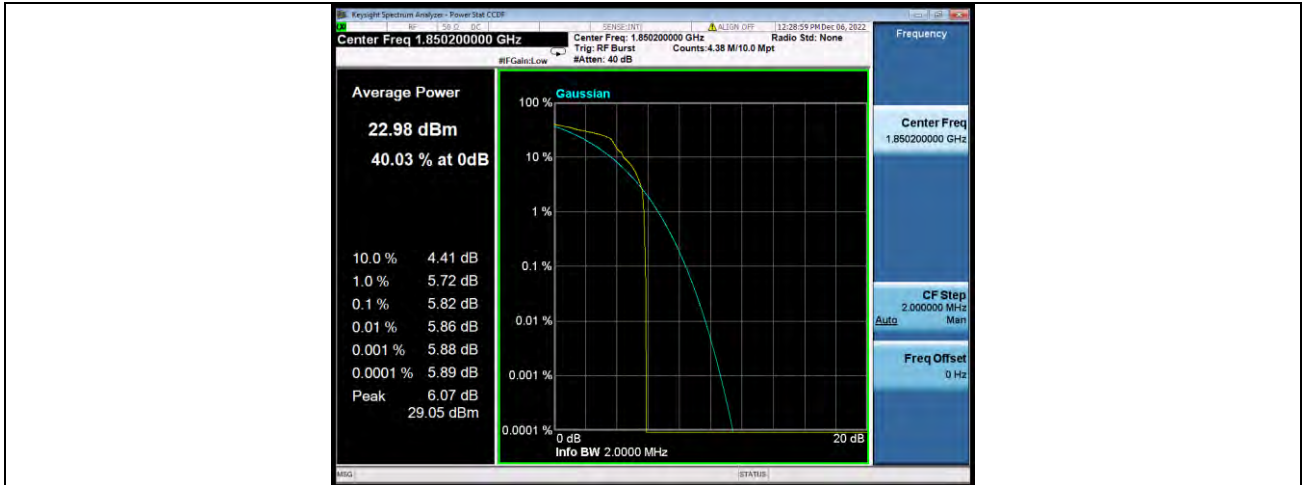
Test Graphs



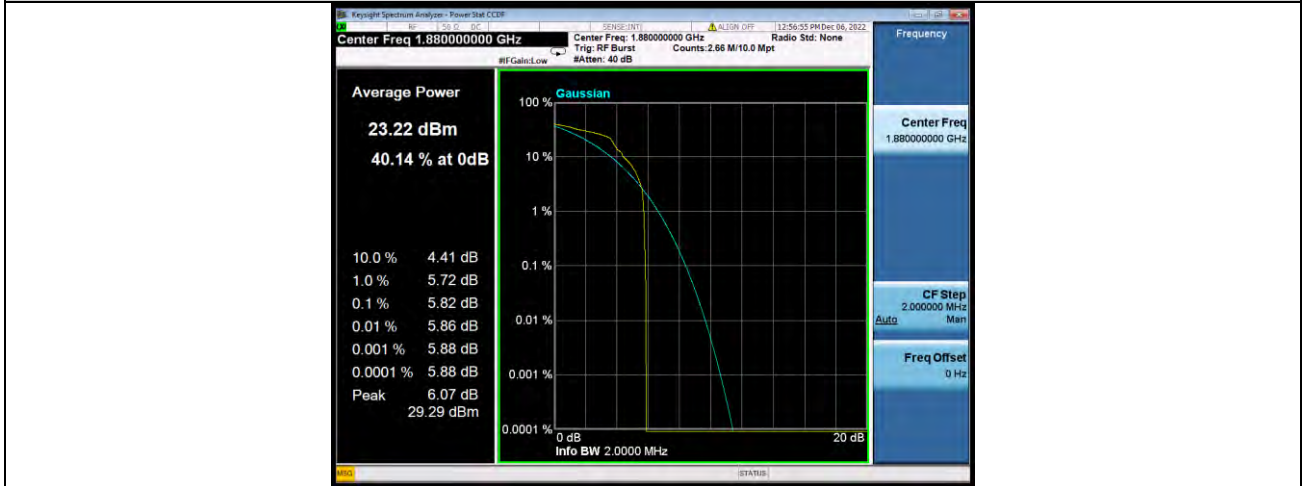


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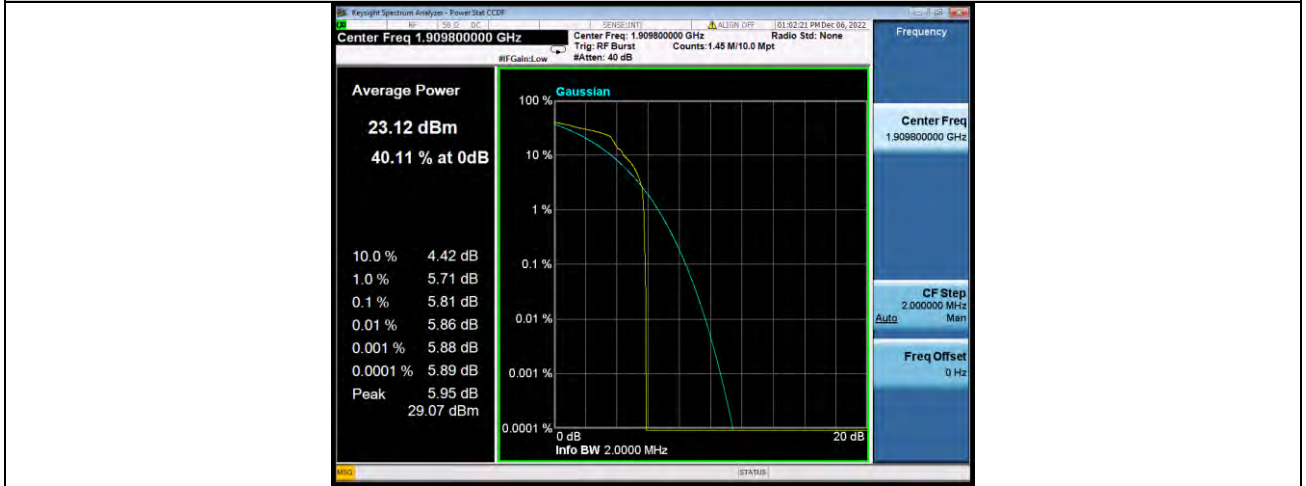
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EGSM1900-661



EGSM1900-810





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26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

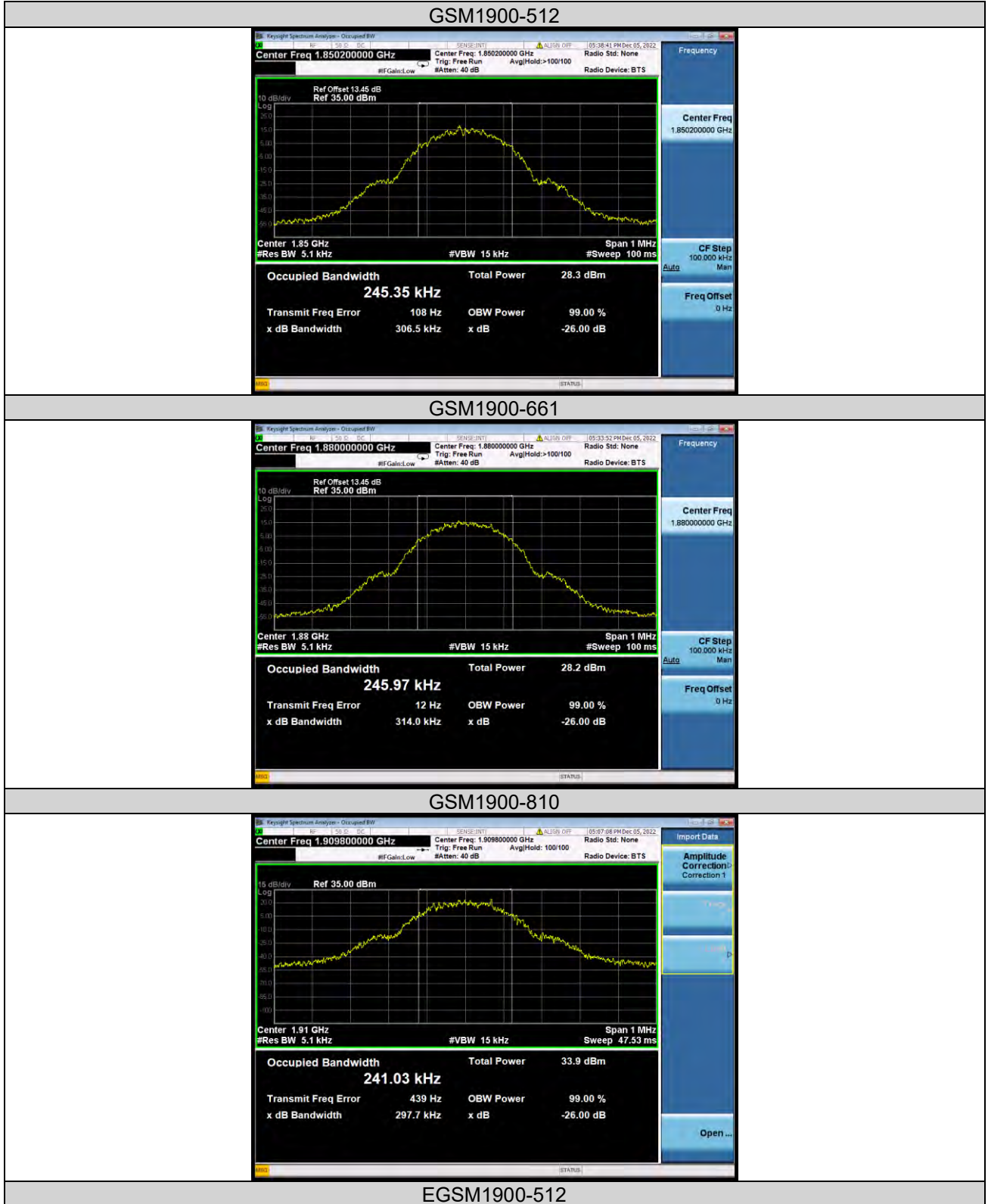
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM1900	512	0.24535	0.3065	---	PASS
GSM1900	661	0.24597	0.3140	---	PASS
GSM1900	810	0.24103	0.2977	---	PASS
EGSM1900	512	0.24142	0.3093	---	PASS
EGSM1900	661	0.24407	0.3051	---	PASS
EGSM1900	810	0.24215	0.3079	---	PASS



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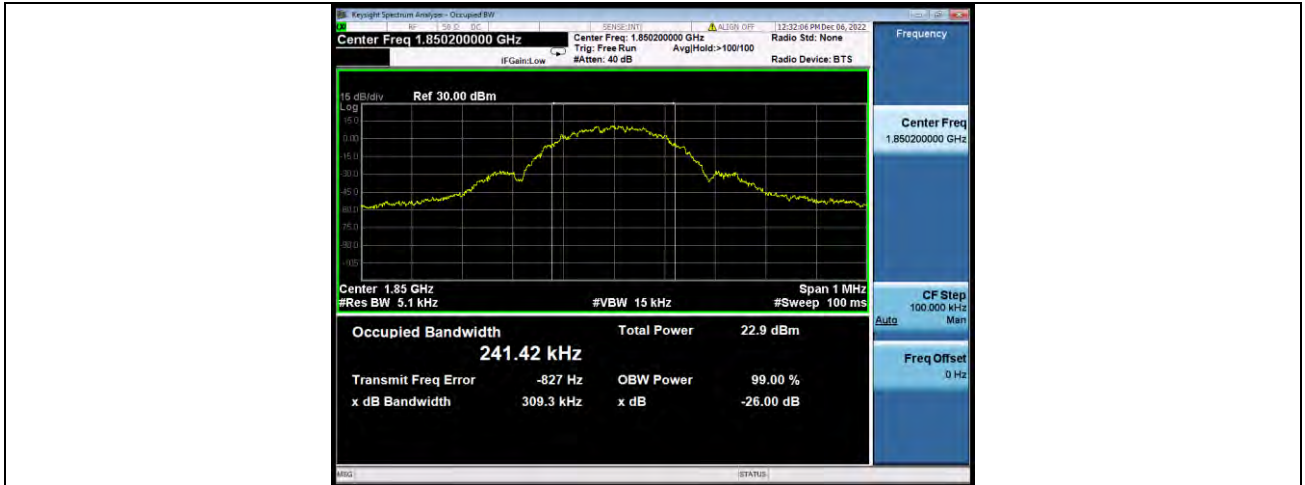
Test Graphs



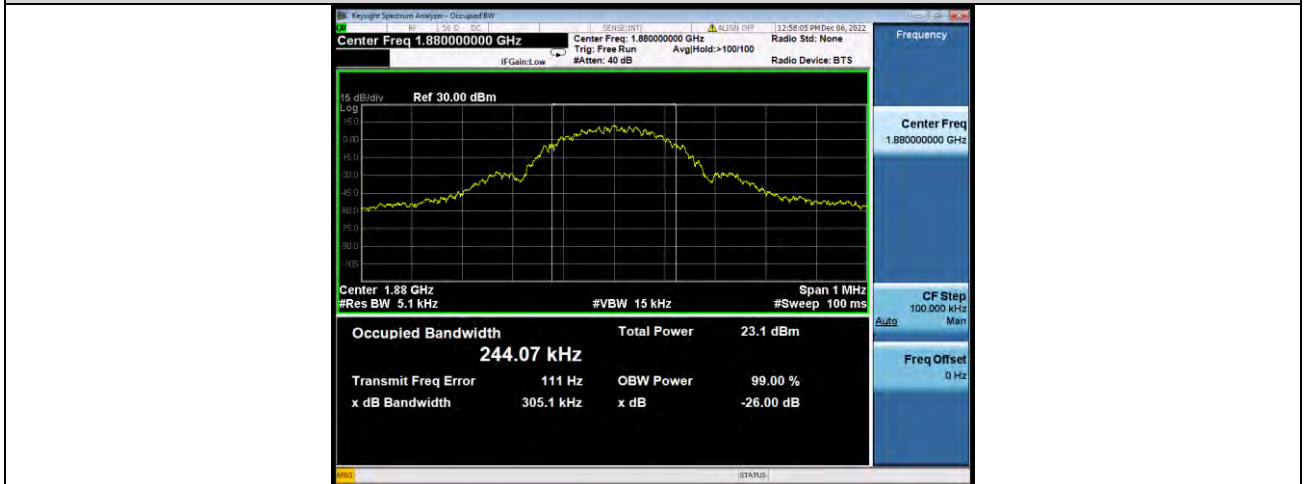


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EGSM1900-661



EGSM1900-810

